



Funding Resiliency Using State Financing Mechanisms

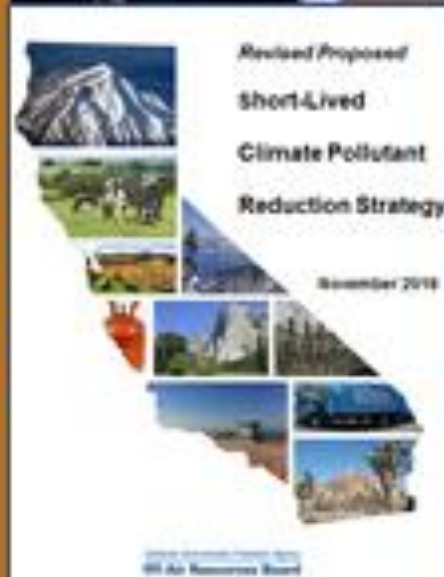
May 15, 2017



CALIFORNIA
STRATEGIC
GROWTH
COUNCIL

GLOBAL WARMING

\$4.43 BILLION IN AUCTION REVENUES
OVER A FIVE-YEAR PERIOD



CALIFORNIA CLIMATE STRATEGY

An Integrated Plan for Addressing Climate Change

VISION

Reducing Greenhouse Gas Emissions
to 40% Below 1990 Levels by 2030

GOALS



UNDER 2°

Subnational Global Climate
Leadership Memorandum of
Understanding

CLIMATE CONSCIENCE CALIFORNIA

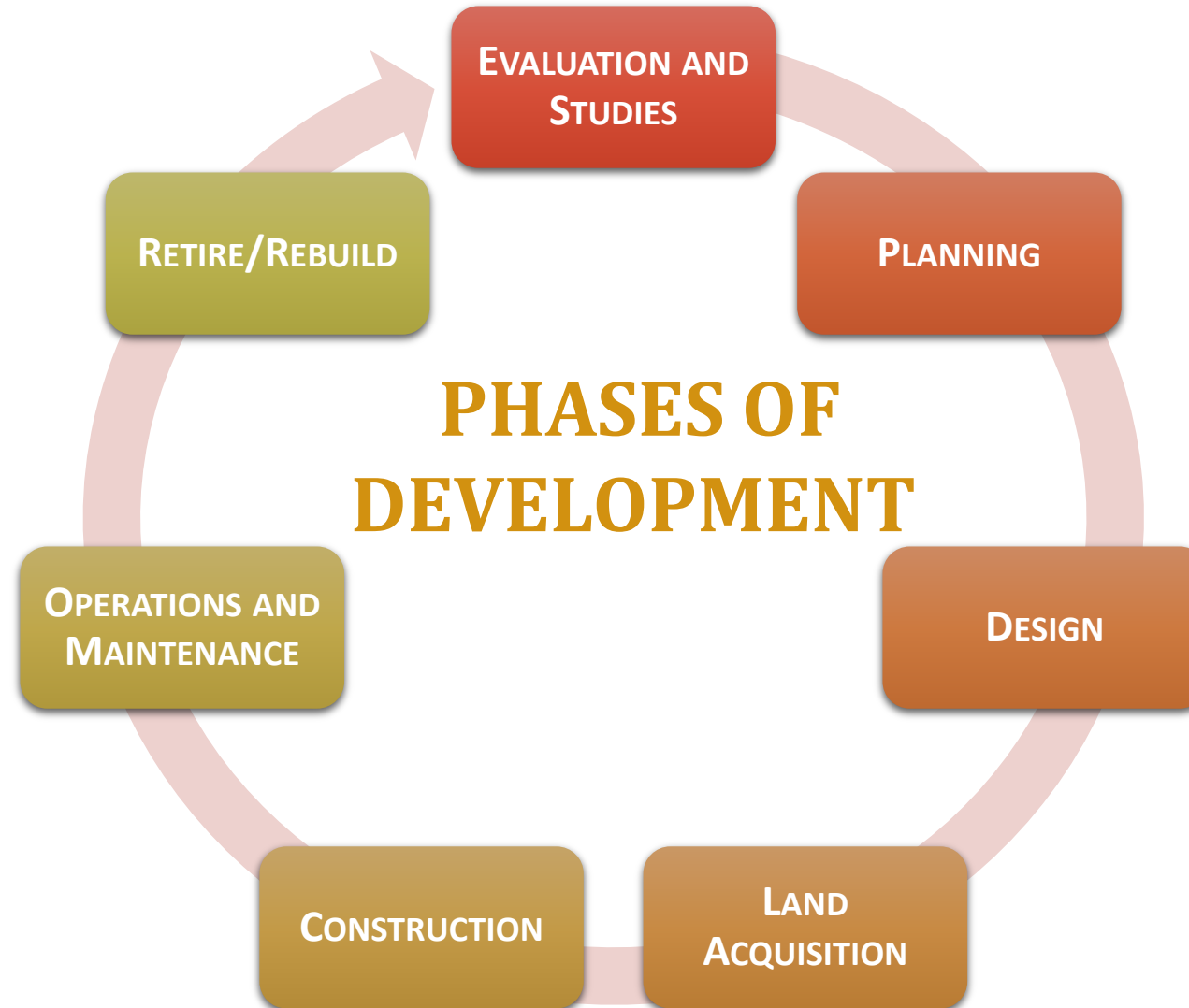
The collage features several key documents and website elements related to California's climate change efforts:

- Safeguarding California: Implementation Action Plans** (top center, landscape image)
- Safeguarding California: Reducing Climate Risk** (top center, green background)
- Our Changing Climate 2012: Vulnerability & Adaptation in the Face of Rising Sea Levels & Climate Change in California** (top right, book cover)
- 2009 CALIFORNIA CLIMATE ADAPTATION STRATEGY** (top right, blue background)
- Climate Change Research Plan for California** (middle left, blue background with map of California)
- CALIFORNIA ADAPTATION PLANNING GUIDE** (bottom left, three guides):
 - PLANNING FOR ADAPTIVE COMMUNITIES**
 - DEFINING LOCAL & REGIONAL IMPACTS**
 - IDENTIFYING ADAPTATION STRATEGIES**
- Local Roles** (middle right, website screenshot):

Local governments have important roles to play in efforts to reduce greenhouse gas emissions. Local governments are at the forefront of efforts to adapt to the ongoing and anticipated impacts of climate change.
- California Climate Strategy** (bottom right, website screenshot):

An Integrated Plan for Addressing Climate Change
- Office of the Governor: Edmund G. Brown Jr.** (bottom right, website screenshot)
- Popular Links** (bottom right, website screenshot)

SUSTAINABILITY FINANCING STRATEGY





<https://fundingwizard.arb.ca.gov/>

- A searchable database of grants, rebates and incentives.
- Funding opportunities for energy, air quality and climate change, transportation, urban development, waste management and water projects.

A screenshot of the Funding Wizard website's search results page. The browser address bar shows the URL https://fundingwizard.arb.ca.gov/search/all. The page has a navigation bar with links for Search, About, Contact, and Back to CoolCalifornia.org. The main heading is "Search for funding". Below this is a search input field with the placeholder text "Enter keyword(s) and/or use the filter options below:". To the right of the input field are "Search" and "Reset" buttons. Below the input field is a dropdown menu set to "Contains all of these words". Below the dropdown is a text box for the search criteria. Below the text box is a link that says "Click Reset to search all opportunities". To the left of the results table are four filter buttons: "Filter by assistance type:", "Filter by category:", "Filter by eligible applicant:", and "Filter by funding entity:". Below the filters is a status bar that says "Displaying 1 - 20 of 649". The results table has four columns: "Title", "Application Due Date", "Award Amount", and "Description". The first row shows the "Sustainable Agricultural Lands Conservation Program" with a due date of "2017-06-01 00:00:00" and an award amount of "\$250,000". The description for this program is provided in the "Description" column. At the bottom of the table, there is a link that says "Click on the link to view this opportunity:".

California State Treasurer's Office

CALIFORNIA ALTERNATIVE ENERGY AND ADVANCED TRANSPORTATION FINANCING AUTHORITY (CAEATFA)

- Qualified Energy Conservation Bonds (QECB) provide a rate savings for the purchaser which allows the public entity to receive low-interest financing upon the sale of the bonds.

California Infrastructure and Economic Development Bank (IBank)

INFRASTRUCTURE STATE REVOLVING FUND (ISRF) PROGRAM

<http://www.ibank.ca.gov/ibank/programs/isrf>

\$50,000 to \$25 million project loans (30 years) for a wide variety of non-housing infrastructure and economic development projects.

CALIFORNIA LENDING FOR ENERGY AND ENVIRONMENTAL NEEDS (CLEEN) CENTER

<http://www.ibank.ca.gov/ibank/programs/what-is-cleen>

- Statewide Energy Efficiency Program (SWEEP)
- Light Emitting Diode Street Lighting Program (LED)

Direct loans from \$500 thousand to \$30 million through IBank or publicly offered tax-exempt bonds.

LOCAL ASSISTANCE PROGRAMS

CALIFORNIA CLIMATE INITIATIVES

| | |
|---|---|
| <i>Active Transportation</i> | <i>Low Income Weatherization</i> |
| <i>Affordable Housing</i> | <i>Sustainable Agricultural Conservation</i> |
| <i>Agricultural Energy / Operational Efficiency</i> | <i>Technical Assistance / Disadvantaged Communities</i> |
| <i>Alternative and Renewable Fuels</i> | <i>Transformative Climate Communities</i> |
| <i>Dairy Methane</i> | <i>Urban and Community Forestry</i> |
| <i>Energy Efficiency</i> | <i>Urban Forests</i> |
| <i>Enhanced Fleet Modernization</i> | <i>Urban Greening</i> |
| <i>Forest Health</i> | <i>Waste Diversion</i> |
| <i>Healthy Soils</i> | <i>Water-Energy Efficiency Program</i> |
| <i>High Speed Rail</i> | <i>Wetlands and Watershed</i> |
| <i>Hydroelectric Renewable Energy Turbines</i> | <i>Woodsmoke Reduction</i> |
| <i>Low Carbon Transit and Intercity Rail Zero Emissions Vehicle Rebates</i> | |

SUSTAINABLE COMMUNITIES

Urban Greening ♦ Sustainable Communities Planning ♦ Urban Forestry

CALIFORNIA CLEAN ENERGY JOBS

Local Educational Agency energy efficiency and clean energy projects

California Community College energy efficiency and clean energy projects

Conservation Assistance Act - Education Loan and Technical Assistance Grant Program

Workforce Development Training for Veteran's and Disadvantaged Youth

California Conservation Corps conducted energy surveys and other energy conservation-related activities for public schools

WATER QUALITY, SUPPLY, AND INFRASTRUCTURE

| | |
|---|---|
| <i>Delta Water Quality and Drinking Water</i> | <i>Stormwater Resource Plans and Projects</i> |
| <i>Ecosystem Restoration</i> | <i>Wastewater</i> |
| <i>Groundwater Sustainability</i> | <i>Water recycling</i> |
| <i>Integrated Regional Water Management</i> | <i>Watershed Restoration</i> |

SENATE BILL 1 – TRANSPORTATION BOND

- Climate Change Adaptation Planning Grants
\$20 million
- Local and Regional SB 375 planning
\$25 million/annually
- Sustainable Transportation Planning Grants –
\$25 million/annually
- Active Transportation Program -
\$100 million annually
- Road Maintenance & Rehabilitation
\$30 million annually - Environmental Restoration
- Solutions for Congested Corridors Program –

A stylized illustration of a city skyline with various buildings, trees, and a person on a bicycle, rendered in shades of blue and orange.

For more information:

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CALIFORNIA
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COUNCIL

A stylized illustration of a rural landscape with houses, trees, a tractor, and silos, rendered in shades of blue and orange.